



CheckSWing IR-20

Information velocity meter

- Monitoring of passage of vehicles based on registration plate
- Providing of complete statistics of vehicles
- Possibility of displaying of registration plate on information panel to improve efficiency of reducing of vehicles' velocity
- Possible complementing of meteorological station for efficient providing of meteorological data
- Possible visualization of more devices on common website



GENERAL DESCRIPTION

Information velocity meter

CheckSWing IR-20 is the device delivered for efficient reducing of vehicles' velocity in villages and towns. Using a camera, the device detects actual velocity of the vehicle and displays it on information panel. Drivers receive so the actual information on whether they are exceeding the permitted velocity. The device processes all passages of vehicles without the possibility to penalize the drivers.

BASIC TECHNICAL DESCRIPTION

The system is based on a principle to recognize registration plates (RZ) of the vehicle and measurement of velocity from the image of camera situated above the information panel displaying actual velocity of vehicle and RZ of vehicle. The panel displays vehicle velocity on its first line and selectable text on second line. On the third line, there can be displayed registration plate of the vehicle. Displaying area of the panel is formed by LEDs of red colour.

The front cover is provided with antireflection surface treatment to avoid unpleasant and for drivers dangerous reflections of headlights

or sunlight. Information panel can be fastened to random post or bracket (e.g. public lighting mast).

RZ of running vehicle is displayed only when exceeding of velocity limit has been detected, or always at passage of a vehicle (at any velocity). The possibility of displaying of RZ of own vehicle has more efficient impact on drivers, this type of information meter is suitable also for using by Police of CR, for example during looking for vehicles of interest.

On municipality website, there can be displayed statistical and meteorological data, recorded and subsequently wireless transmitted by the information meter.





BASIC TECHNICAL PARAMETERS OF PANEL

Displayed velocity range	5–99 km/h or 5–199 km/h
Dimensions	700 × 700 × 155 mm
Weight	45 kg
Protection by enclosure	IP 54
Power supply	88 ~ 264 V AC, 47 ~ 63 Hz, 2 A
Power input	150 VA (max.), 80 VA (typ.)
Communication	wireless, 4G or Wi-Fi

BASIC TECHNICAL PARAMETERS OF CAMERA

Power supply	+24 V ± 10 %
Power input	6 W
Resolution	1280 × 960 B/W
Dimensions	125 × 109 × 403 mm
Weight	3 kg
Operating temperature	-20 °C to +55 °C
Protection by enclosure	IP 66

